### **PATENT**

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Peter Paul Zilla et al

Serial No.:09/434,069

Filed:

Herewith

Docket: P-8794.05 C2

Title:

Transmural Concentric Multilayer IngrowthMatrix within Well-Defined Porosity

CERTIFICATE OF MAILING DATE

DATE OF DEPOSIT 7-25-0

I hereby certify that this paper is being deposited with the U.S. Postal Service, as First Class Mail, addressed to the Assistant Commissioner for Patents, Washington, DC, 2021.

Junita I. Trauster

Mail Stop IDS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 et. seq., the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. § 609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

The Examiner's attention is brought to Applicants' filed U.S. Patent Application USSN 09/434,069 filed November 5, 1999 and USSN 10/142,957 filed May 10,2002, and the art cited therein.

Respectfully submitted,

**Applicants** 

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# INFORMATION DISCLOSURE STATEMENT

Atty Docket No: P8794.00	Serial No.: 09/434.069
Applicant(a): Zilla, Peter	ot al.
Filing Date: 05-Nov-99	Group: 3738

## **US PATENT DOCUMENTS**

Examiner Initial	+/*	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
		US 4,286,341	01-Sep-81	Greer, Raymont T. et al.	3	1.4	23-May-79
<del></del>		US 4,441,215	10-Apr-84	Kaster, Robert	3	1.4	23-Feb-83
		US 4,552,707	12-Nov-85	How, Thien V.	264	24	09-May-83
		US 4,605,406	12-Aug-86	Cahalan, Patrick	623	1	03-Aug-84
		US 4,657,544	14-Apr-87	Pinchuk, Leonard	623/1	623/12	18-Apr-84
		US 4,725,273	16-Feb-88	Kira ·	623/1	623/12	20-Aug-86
<del></del>		US 4,743,252	10-May-88	Martin, John, Jr., et al.	623	1	13-Jan-86
		US 4,784,659	15-Nov-88	Fleckenstein, Peter et al.	623	1	03-Mar-87
		US 4,842,575	27-Jun-89	Hoffman, Harmon, Jr., et al.	600	36	05-Aug-88
<del></del>		US 4,873,308	10-Oct-89	Coury, Arthur J., et al.	528	75	30-Sep-88
		US 4,921,495	01-May-90	Kira, Kazuaki	623	1	24-Mar-86
		US 4,941,870	17-Jul-90	Okada, Masso et al.	600	36	30-Dec-88
······		US 5,024,671	18-Jun-91	Tu, Roger et al.	623	1	19-Sep-88
		US 5,037,377	06-Aug-91	Alonso, Manuel T., et al.	600	36	21-Aug-86
		US 5,108,424	28-Apr-92	Hoffman, Harmon, Jr., et al.	623	1	28-Jan-91
		US 5,132,066	21-Jul-92	Charlesworth, David et al.	264	184	26-Sep-90
		US 5,197,977	30-Mar-93	Hoffman, Harmon, Jr., et al.	623	1	30-Apr-92
		US 5,415,619	16-May-95	Lee, Hai B., et al.	600	36	05-Nov-93
		US 5,549,664	27-Aug-96	Hirata et al.	623/1	600/36	02-May-94
		US 5,584,875	17-Dec-96	Duhamel, Raymond C., et al.	623	1	13-Apr-94
		US 5,628,781	13-May-97	Williams, Stuart et al.	623	1	29-Sep-92
		US 5,709,934	20-Jan-98	Bell, Eugene	428	305.5	22-Nov-94
·		US 5,770,417	23-Jun-98	Vacanti, Joseph P., et al.	435	180	28-Feb-94
		US 5,807,406	15-Sep-98	Brauker, James H.	623	11	07-Oct-94

## FOREIGN PATENT DOCUMENTS

Examiner Initial	+/*	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
		EP 0815806 A2	07-Jan-98	Solovay, Kenneth S.	A61F 2/06		26-Jun-97
		EP 560279A1	15-Sep-93	Kaplan, Richard B.	A61L	27/00	09-Mar-93

# EXAMINER Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communciation to applicant.

\* - Reference Previously cited

+ - New Reference not previously cited (available copies included).

1	wo	90/06094	14-Jun-90	Trudell, Leonard et al.	A61F 2/06		08-Dec-88
	WO	9715242	01-May-97	Seeley, David	A61F	2/02	25-Oct-95
	wo	9747254	18-Dec-97	Glodstein, Steven	A61B	19/00	11-Jun-97

# OTHER DOCUMENTS (Including Authors, title, Date, Pertinent Papers, etc.)

Examiner Initial	+/*	Document Cite
		Annis et al.,, Trans. Am. Soc. Artif. Intern Organs, Vol. XXIV, 1978, pp 209-214
		Berkowitz, Henry D., et al.,, Amer Soc Artif Int Organs, Vol XVIII, 1972, pp 25-29
·		Berkowitz, Henry D., M.D., et al., Surgery, Vol. 72, No. 6, Dec 1972, pp 888-896
		Edwards, Alan et al., Jrul of Biomaterials Applications, Vol 10, Oct 1995, pp 171-187
	1	Hess, F., J. Cardiovascular Surgery, 24, 1983
		Hess, F., et al.,, Biomaterials, Vol 13, No., 10, 1992, pp 657-663
		Hess, F., M.D. et al.,, Jrnl of Cardio Surg, Vol 22, 1992, pp 358-365
		Hiratzka, Loren F., M.D., et al., Arch Surg, Vol 114, June 1979, pp 698-702
	<del>                                     </del>	Ives, C.L., et al., Trans Am Soc Artif Intern Organs, Vol XXX, 1984, pp 587-590
	<del> </del>	Leidner, Jacob et al., Jrni of Biomedical materials Research, Vol 17, pp 229-247
		Lyman, D.J., et al.,, Trans Am Soc Artif Intern Organs, Vol XXIII, 1977, pp 253-261
		Murabayashi, S. et al.,, Trans Am Soc Artif Intern Organs, Vol XXXI, 1985, pp 50-55
		Pollock, E., et al.,, Trans Am Soc Artif Intern Organs, Vol XXVII, 1981, pp 405-409
***************************************		Uchida, Naoki et al.,, Jrnl of Biomedical Materials Research, Vol 27, 1993, pp 1269-1279
<del></del>		Weber, Jon N., et al.,, Science, Vol 176, May 26, 1972, pp 922-924
	<del> </del>	White, Rodney, A., et al., Surgery, Vol 79, No. 2, Feb 1976, pp 229-232
<del></del>	<del>                                     </del>	Williams, Stuart K., et al., Jrnl of Biomedical Materials Research, Vol 26, pp 103-117
		Wilson, G.J.,, Trans Am Soc Artif Intern Organs, Vol XXIX, 1983, pp 260-268

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